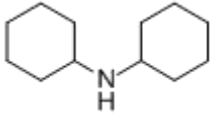


Dicyclohexylamine Specifications & Properties

Dicyclohexylamine Basic information	
Product Name:	Dicyclohexylamine
Synonyms:	DICYCLOHEXYLAMINE ; DCHA ; DODECAHYDRODIPHENYLAMINE ; Perhydrodiphenylamine ; n,n-dicyclohexylamine ; DICYCLOHEXYLAMINE, 1000MG, NEAT ; DicyclohexylamineForSynthesis ; Dicyclohexylamine, 99+%
CAS:	101-83-7
Formula:	C ₁₂ H ₂₃ N
Molecular Weight:	181.32
EINECS:	202-980-7
	
Dicyclohexylamine Chemical Properties	
Melting point	-2 °C
Boiling point	256 °C
density	0.912 g/mL at 20 °C(lit.)
vapor density	6 (vs air)
vapor pressure	12 mm Hg (37.7 °C)
refractive index	<i>n</i> ₂₀ /D 1.4842(lit.)
Fp	205 °F
storage temp.	Store at RT.
solubility	organic solvents: soluble
form	Crystalline Powder
pka	10.4(at 25°C)
color	White to off-white
PH	11 (1g/l, H ₂ O, 20°C)
explosive limit	0.8-4.6%(V)
Water Solubility	1 g/L (20 °C)
FreezingPoint	-2°C
Sensitive	Air Sensitive
Stability:	Stable. Incompatible with strong acids, strong oxidizing agents.